

LWS Project Scientist Status Meeting
02-June-2005
O. C. St. Cyr

***TRANSFORMATION [Redux]**

Dr. Michael Griffin, recently of APL, became the NASA Administrator on April 12.

***Sun-Solar System Connections Roadmap**

The "Division-formerly-known-as-SEC" Roadmap exercises are nearing completion. Todd Hoeksema (Stanford) is Chair, and Tom Moore (GSFC) is Co-Chair. The final meeting was held May 10-11 in Boulder. The parallel effort under the Advanced Planning and Integration Office (APIO) at NASA HQ has apparently been fast-tracked by the new Administrator. Final versions of the APIO Roadmaps will be reviewed by the NRC this summer. The Foundation Roadmap will be published this summer.

***Solar Dynamics Observatory (SDO)**

Dean Pesnell has been hired as a civil servant and has become SDO PS. Barbara Thompson will continue as SDO Deputy PS, focusing on science planning activities. The Mission-level CDR was completed in April. The SDO schedule and cost have been impacted in order to fund Congressional earmarks for other parts of SSSC.

***GEOSPACE**

A notice of intent appeared from NASA HQ to release an Announcement of Opportunity (AO) for Radiation Belt Storm Probes (RBSP) Investigations in June 2005. Further information is available at: <http://centauri.larc.nasa.gov/lws>

***SENTINELS**

The third Solar Sentinels STDT meeting was held in April at APL, and a fourth meeting will be held later this month at UCB. The charter has been expanded to include remote sensing platforms, separate from the spin-stabilized inner heliospheric spacecraft. A final report is expected in the Fall. As a result of the recent NASA HQ SMD International Science Conference, there will be bi-lateral discussions between ESA and NASA to explore the coordination of Sentinels with ESA's proposed Solar Orbiter mission.

***Solar Probe**

The final STDT meeting for Solar Probe was held in April at APL. A draft report has been circulated to reviewers, with a final published document by Fall.

***Space Environment Testbeds (SET)**

SET Project and SET-1 mission (riding on AFRL Cygnus [nee: DSX] spacecraft) was confirmed by NASA HQ in April.

*Targeted Research & Technology (TR&T)

Awards (50!) for the most recent round were announced and posted, and focus teams were selected. The TR&T Steering panel has recommended further changes for the next round, including a call for larger awards to support “strategic capabilities” in a partnership with NSF. An informal MoU is in the works with NCAR to host the focus team meetings, summer schools, etc.

*LWS Data Environment

The LWS DE budget line was removed from the Program. The funds were transferred to the MO&DA budget line to support the development of Virtual Observatories. Aaron Roberts will continue to act as the PS for LWS DE to insure that Program requirements are satisfied as part of the VO efforts.

*LWS Education and Public Outreach (E/PO)

Coordination with Earth science E/PO activities at Goddard is underway. An informal review of all E/PO activities within SSSC is underway.

*OTHER

LWS-SDO Workshop in the early planning stages for Winter 2007 in Boulder. Karel Schrijver at LMSAL is taking the lead. SOC presently consists of: Frank Eparvier, Bernhard Fleck, Sasha Kosovichev, Dean Pesnell, Geoff Reeves, Phil Scherrer, Sami Solanki, Alan Title, Steve Tomczyk (LOC chair), Saku Tsuneta, Tom Woods, and Thomas Zurbuchen.

Other topics discussed during meeting:

Oct 16-20 Wintergreen Radiation Workshop.

The Radiation Task Group report is in final editing.

SWx workshop on predicting Bz in Japan.

Sun-Climate task force at Goddard has completed their white paper.

*ATTENDEES

Chris St. Cyr
Larry Zanetti
Lika Guhathakurta
Dean Pesnell
Nat Gopalswamy
Joe Grebowsky

Barry Mauk
Dave Rust
Terry Kucera
Charlie Jackman
Barbara Giles (telecon)